PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	09/308,080
Filing Date	October 28, 1999
First Named Inventor	Gonzales, Ph.D., Frank
Art Unit	1652
Examiner Name	Ramirez, Delia M.
Attorney Docket Number	015280-271100US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No.[1]	Document Number Number Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]	Number[4]	Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
DR	1	WO	95/28489		10-26-1995	The UAB Research Foundation		☐
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Examiner Signature		Date Considered	3/18/04

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Complete if Known	
Application Number	09/308,080
Filing Date	October 28, 1999
First Named Inventor	Gonzales, Ph.D., Frank
Art Unit	1652
Examiner Name	Ramirez, Delia M.
Attorney Docket Number	015280-271100US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
DR	2	KUILENBURG, Andre B.P. et al.: "Lethal outcome of a patient with a complete dihydropyrimidine dehydrogenase (DPD) deficiency after administration of 5-fluorouracil: frequency of the common IVS14+1G>A mutation causing DPD Deficiency"; Clinical Cancer Research, Vol. 7; pp. 1149-1153; May 2001	
DR	3	KUIVANIEMI, Helena et al.: "Identical G+1 to A mutations in three different introns of the Type III procollagene gene (COL3A1) produce different patterns of RNA splicing in three variants ot Ehlers-Danlos Syndrome IV"; J. Biological Chemistry, Vol. 265, No. 20; pp. 12067-12074; July 15, 1990	
DR	4	YOKOTA, Hiroshi et al.: "cDNA cloning and chromosome mapping of human dihydropyrimidine dehydrogenase, and enzyme associated with 5-flouorouracil toxicity and congenital thymine uracilura"; J. Biological Chemistry, Vol. 269, No. 37; pp. 23192-23196; September 16, 1994	
DR	5	OMIM Entry for "Dyhydropyrimidine Dehydrogenase; DPYD" printed on December 3, 2003; http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=274270; 10 pages	

Examiner Signature		Date Considered	3/18/04

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Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

	Complete if Known
Application Number	09/308,080
Filing Date	October 28, 1999
First Named Inventor	Frank Gonzalez
Group Art Unit	1652
Examiner Name	Steadman, D
Attorney Docket Number	015280-271100US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
DJS	AC	Gonzalez, F., et al., "Diagnostic analysis, clinical importance and molecular basis of dihydropyrimidine dehydrogenase deficiency," TiPS, 16:325-327 (1995).	
	AD	YOKOTA Hiroshi Y., et al. "cDNA cloning and chromosome mapping of human dihydropyrimidine dehydrogenase, an enzyme associated with 5-flourouracil toxicity and congenital thymine uraciluria," J. Biol. Chem., 269:23192-23196 (1994).	
	AE	JOURNAL BIOLOGICAL CHEMISTRY, vol. 264, no. 20, July 1990, pages 12067-74, XP002032866 KUIVANIEMI, H., ET AL: "Identical G to a mutations in three different introns of the type III procollagen gene (COL3A1) produce different patterns of RNA splicing in three variants of Ehlers-Danlos Syndrome IV," see abstract	
	AF	Meinsma, R., et al., "Human Polymorphism in Drug Metabolism: Mutation in the Dihydropyrimidine Dehydrogenase Gene Results in Exon Skipping and Thymine Uraciluria," DNA & Cell. Biol., 14(1)1-6 (1995).	
	AG	NUCLEIC ACIDS RESEARCH, vol. 15 no. 14, 1987, pages 5613-28, XP002032865 MARVIT, J. ET AL: "GT to AT transition at a splice donor site causes skipping of the preceeding exon in phenylketonuria" see abstract	
	AH	SINGAPORE JOURNAL OF OBSTETRICS AND GYNECOLOGY, vol. 26, no. 3, November 1995, pages 176-86, XP000600337 ROY ET AL: "molecular scanning of human diseases" see the whole document.	
	AI	Vreken, P., et al., "A point mutation in an invariant splice donor site leads to exon skipping in two unrelated Dutch patients with dihydropyrimidine dehydrogenase deficiency," J. Inherit. Metab. Dis., 19(5):645-54 (1996).	
DJS	AJ	Wei, X., et al. "Molecular Basis of the Human Dihydropyrimidine Dehydrogenase Deficiency and 5-Fluorouracil Toxicity," J. Clin. Invest., 98(3)610-615 (1996).	

DR 3/30/04

Examiner Signature	DS	Date Considered	6/30/02

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